

# NATIONAL SOLAR OBSERVATORY

## Daily Sunspot Data From Automated Analysis

USAF OSPaN 630.315nm image

CLOUDS: Unknown

CONDITION: Poor

OBSERVER: *TWH*

Irradiance reduction due to sunspot  
blocking = 0.014% at 630.315nm

**19 May 03**  
**22:00:26 UT**

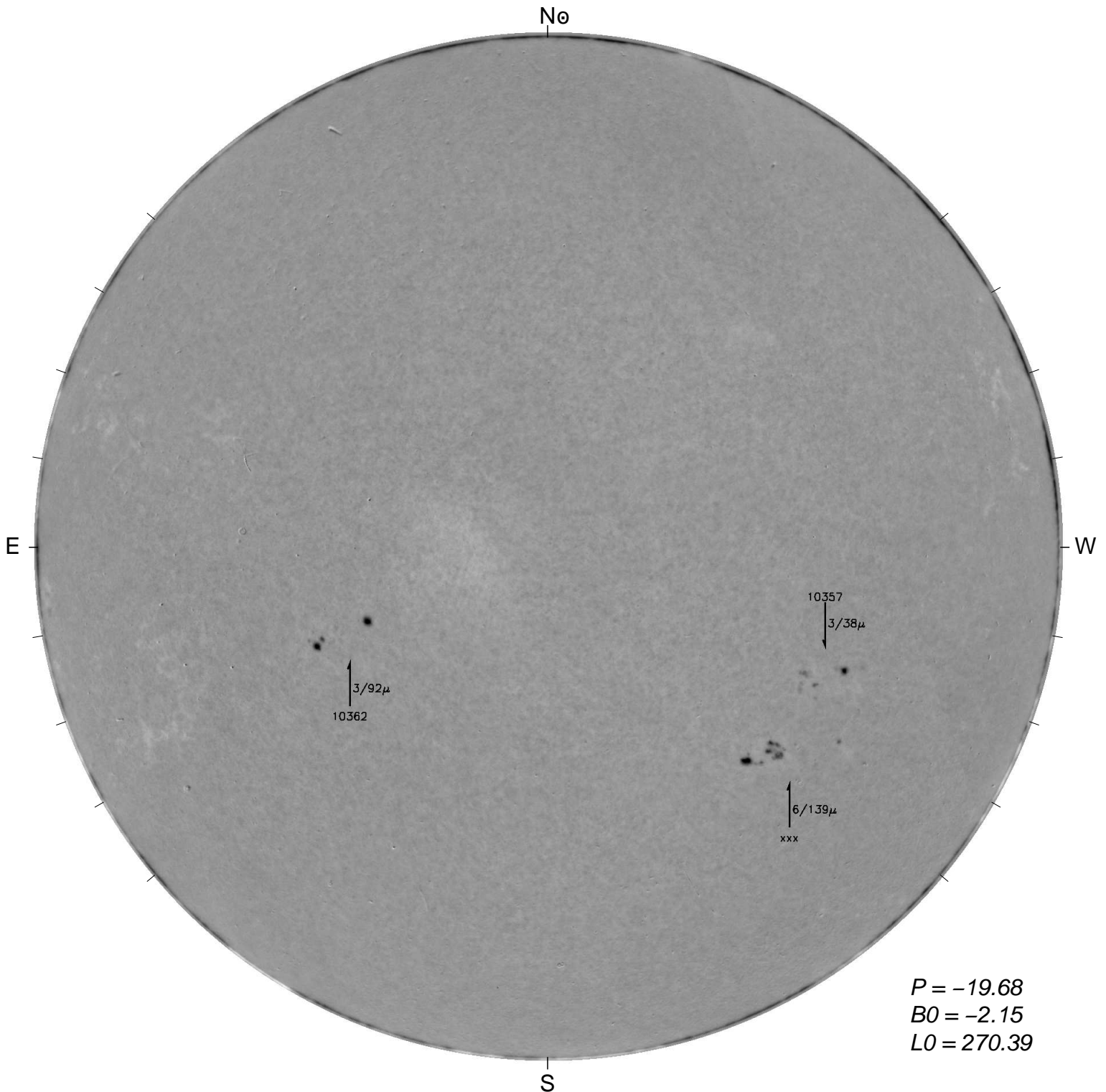
GROUPS: 3

SPOTS: 12

R-NUMBER: 42

TOTAL SPOT AREA: 269  $\mu$

THRESHHOLD: 0.92



$P = -19.68$

$B0 = -2.15$

$L0 = 270.39$